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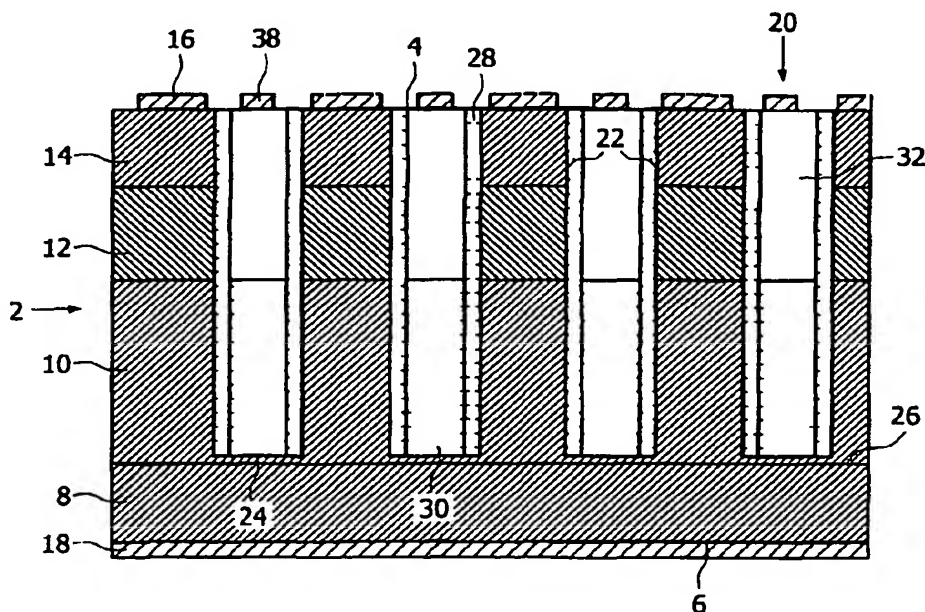
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(54) Title: TRENCH INSULATED GATE FIELD EFFECT TRANSISTOR



(57) Abstract: The invention relates to a trench MOSFET with drain (8), drift region (10) body (12) and source (14). In order to improve the figure of merit for use of the MOSFET as control and sync FETs, the trench (20) is partially filled with dielectric (24) adjacent to the drift region (10) and a graded doping profile is used in the drift region (10).

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